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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) SHEET 1 of 1	COMPLETE IF KNOWN	
	Application Number	09/231,567
	Confirmation Number	2869
	Filing Date	January 14, 1999
	First Named Inventor	Nicholas J. Nissing
	Group Art Unit	1771
	Examiner Name	E. Cole
Attorney Docket Number	7005	

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ²	(If known)			
EC		US-4,469,735		09/04/1984	Trokhan	
		US-				
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FOREIGN PATENT DOCUMENTS

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	APPLICANT NICHOLAS JAMES NISSING ET AL.	
	FILING DATE 1/14/99	GROUP 1772

U. S. PATENT DOCUMENTS

XAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
EE	3,673,026	6/27/72	S. R. Brown			
EE	4,429,014	1/31/84	Isner et al.			
EE	5,525,397	6/11/96	Shizuno et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
EE	EP 0 872 206 A1	10/21/98	EPO				
EE	FR 2 355 950	1/20/78	France				
EE	GB 1,276,228	6/1/72	Great Britain				
EE	WO 91/01396	2/7/91	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EE	3,301,746	1/31/67	Sanford et al.	162	113	
	3,375,156	3/26/68	Edgar, Jr.	162	132	
	3,546,056	12/8/70	Thomas	161	57	
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C. J. G. M. B. 06

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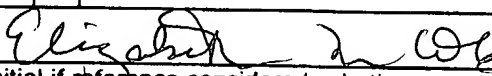
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
EC	Appl. Ser. No. 640,268		Mackey et al.			4/30/96
EC	Appl. Ser. No. 430,061		Mackey			4/27/95
EC	Appl. Ser. No. 231,476		Nissing			1/14/99
EC	Appl. Ser. No. 231,002		Nissing et al.			1/14/99

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